FORM PTO-1:00 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE (Rev. 12:2004) TRANSMITTAL LETTER TO THE UNITED STATES

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		DESIGNATED/ELECTE	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) Not Yet Assigned / 524896										
C	ON	CERNING A SUBMISS											
INTER		IONAL APPLICATION NO. CT/JP2003/012800	INTERNATIONAL FILING DATE 6 October 2003 (06.10.03)	PRIORITY DATE CLAIMED 17 October 2002 (17.10.02)									
		NVENTION											
Opti	icai D	isc Drive											
APPL	ICAN ⁻	T(S) FOR DO/EO/US											
		i ISHIBASHI et al.											
Applic	ant he	erewith submits to the United State	es Designated/Elected Office (DO/EO/US) the fo	ollowing items and other information:									
1.	X	This is a FIRST submission of ite	ms concerning a submission under 35 U.S.C. 3	71.									
2.			ENT submission of items concerning a submiss										
3.	\boxtimes	This is an express request to beg (9) and (24) indicated below.	in national examination procedures (35 U.S.C.	371(f)). The submission must include items (5), (6),									
4.	Ø	The US has been elected (Article	31).										
5.	\boxtimes	A copy of the International Applic	ation as filed (35 U.S.C. 371 (c)(2))										
	a. is attached hereto (required only if not communicated by the International Bureau).												
		b. 🛮 has been communicated by the International Bureau.											
		c. is not required, as the application was filed in the United States Receiving Office (RO/US).											
6.	\boxtimes	An English language translation of	of the International Application as filed (35 U.S.C	C. 371(c)(2)).									
		a. is attached hereto.											
		b. 🛛 has been previously sul	omitted under 35 U.S.C. 154(d)(4).										
7.	×	Amendments to the claims of the	International Application under PCT Article 19	(35 U.S.C. 371 (c)(3))									
a. are attached hereto (required only if not communicated by the International Bureau).													
	-	b. have been communicated.	ed by the International Bureau.										
'	l.	c. have not been made; he	owever, the time limit for making such amendm	ents has NOT expired.									
	•	d. 🛛 have not been made an	d will not be made.										
8.	'												
9.	\boxtimes												
10.		An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).											
11.	\boxtimes	A copy of the International Preliminary Examination Report (PCT/IPEA/409).											
12.	\boxtimes	A copy of the International Search	h Report (PCT/ISA/210).										
Ite	ems 1	3 to 23 below concern documen	t(s) or information included:										
13.	\boxtimes	An Information Disclosure States	ment under 37 CFR 1.97 and 1.98.										
14.	\boxtimes	An assignment document for reco	ording. A separate cover sheet in compliance v	vith 37 CFR 3.28 and 3.31 is included.									
15.	\boxtimes	A FIRST preliminary amendment		•									
16.		A SECOND or SUBSEQUENT pr	reliminary amendment.										
17.		A substitute specification.											
18.		A power of attorney and/or change	e of address letter.										
19.		A computer-readable form of the	sequence listing in accordance with PCT Rule	13ter.2 and 37 CFR 1.821 - 1.825.									
20.	\boxtimes	A second copy of the published I	nternational Application under 35 U.S.C. 154(d)	(4). WO 2004/036564 Al									
21.		A second copy of the English lan	guage translation of the International Applicatio	n under 35 U.S.C. 154(d)(4).									
22.	\boxtimes	Express Mail Label No. EV553431584US											
23.	\boxtimes	Other items or information:		•									
		Formal drawings: 5 sheets Assignee for publication: Matsush Article 34 Amendments (2)	ita Electric Industrial Co., Ltd.										

PTO-1390 (Rev. 12-2004)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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24. The following less are submitted:	U.S. APPLICATION NO (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO.							ATTORNEY'S DOCKET NUMBER			
Basic national fee \$300.00 \$ \$300.00 \$ \$200.00	N	At Ashgred	10	10407-124US (A3057MT-US1)							
Substitution Subs	24. The following	g fees are submitte	Ар	plicant use	Office use						
Signature of the specification and drawings filed in paper over 100 sheets (excluding sequence issing of computer program isling filed in an electronic medium). The fee's \$250 for each additional 50 sheets of paper or fraction thereof. Total Sheets	🖾 a) Basic na	tional fee	\$300.00	\$	\$300.00						
TOTAL OF ABOVE CALCULATIONS = \$1000.00 \$\$1,000.00 \$\$1,000.00 \$\$1,000.00 \$\$259 for specification and drawings filled in paper over 100 sheets (exclusing a diditional 50 sheets) of paper or fraction thereof. Total Sheets Extra Sheets Number of each additional 50 or fraction thereof (round up to a whole reduced print). The feel sheet states are sheet (37 of Factor thereof (round up to a whole reduced print) sate (37 of Factor thereof (round up to a whole reduced print) sate (37 of Factor thereof (round up to a whole reduced print) sate (37 of Factor thereof (round up to a whole reduced print) sate (37 of Factor thereof (round up to a whole reduced print) sate (37 of Factor thereof (round up to a whole reduced print) sate (37 of Factor thereof (round up to a whole reduced print) sate (37 of Factor thereof (round up to a whole reduced up to a whole r	🛭 b) Examina	tion fee	\$	\$200.00							
Additional fee for specification and drawings filled in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee's \$250 for each additional 50 sheets of paper or fraction thereof. Total Sheets Extra Sheets Number of seath additional 50 or fraction thereof (round up to a whole x \$250.00 \$ \$0.00 Surcharge of \$130.00 for furnishing the eath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)). CLAIMS NUMBER FILED NUMBER EXTRA RATE Total claims 11 -20 = 0	🖾 c) Search fe	96	\$	\$500.00							
□ Additional fee for specification and drawings filled in paper over 100 sheets (excluding sequence listing of computer program listing filled in an electronic medium). The fee is \$250 for each additional 50 sheets (excluding \$250 for each additional 50 sheets) of paper or fraction thereof. Total Sheets Extra Sheets Number of each additional 50 or fraction thereof. x \$250.00 \$ \$0.00 - 100 = /50 =			\$	\$1,000.00							
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Independent claims 11			\$								
MULTIPLE DEPENDENT CLAIMS (if applicable)	CLAIMS	NUMBER F	ILED		RATE	l	•				
MULTIPLE DEPENDENT CLAIMS (if applicable)	Total claims	11	- 20 =	0	x	\$50.00	\$	\$0.00			
TOTAL OF ABOVE CALCULATIONS = \$ \$1,000.00 Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. SUBTOTAL = \$ \$1,000.00 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). TOTAL NATIONAL FEE = \$ \$1,000.00 Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property + \$ \$0.00 Amount to be refunded: Amount to be charged: A check in the amount of \$ \$1,000.00 to cover the above fees is enclosed. B. Please charge my Deposit Account No. in the amount of to cover the above fees. A duplicate copy of this sheet is C. The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1017 A duplicate copy of this sheet is enclosed. A check in the amount of to cover the above fees is enclosed. C. The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1017 A duplicate copy of this sheet is enclosed. (210407.0124) d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card Information should not be Included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the international Application to pending status.	Independent clair	ns 2	- 3=	0	х	\$200.00	\$	\$0.00			
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JOHN D. SIMMONS / SIGNATURE	, , , , , , , , , , , , , , , , , , ,										
AKIN GUMP STRAUSS HAUER & FELD LLP JOHN D. SIMMONS			SIMMONS								
One Commerce Square 2005 Market Street - Suite 2200 NAME		•									
Philadelphia, PA 19103-7086 52,225											
	Direct Dial: (21		TION NUMBER								
• • •	Direct Dial: (21:	5) 965-1268	TION NUMBER								